

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Neal J. Miller
William Jerry Parkinson
Ronald E. Smith

Serial No.: 10/051,324

EXAMINER: Cooley, Charles

Filing Date: 01/22/2002

Art Unit: 1723

For: SYSTEM AND PROCESS FOR SEPARATING
MULTI PHASE MIXTURES USING THREE PHASE
CENTRIFUGE AND FUZZY LOGIC

Attorney Docket No. Miller 01-01

**AFFIDAVIT
UNDER 37 CFR §1.131**

Mail Stop Non Fee Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Neal J. Miller, William Jerry Parkinson and Ronald E. Smith under penalty of perjury declare as follows.

1. We are the co-inventors in the above application.
2. Neal J. Miller is employed as the President of Centech, Inc. 920 Lakeview Lane, Casper, Wyoming 82604.
3. William Jerry Parkinson and Ronald E. Smith are employed as Technical Staff Members at Los Alamos National

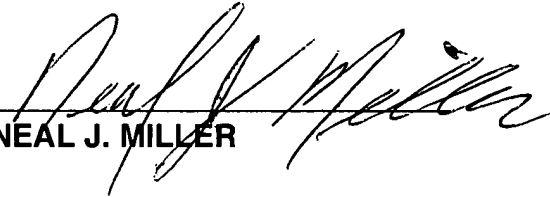
Laboratory, Engineering Sciences & Applications Division,
Applied Engineering Technologies, PO Box 1663, MS J576, Los
Alamos, New Mexico 87545.

4. William Jerry Parkinson is the author of the document entitled "Fuzzy and Probalistic Control Techniques Applied to Problems of the Chemical Process Industries". This document was a thesis submitted to the Department of Electrical Engineering, University of New Mexico, Albuquerque, New Mexico, in partial fulfillment of the requirements for the degree of Doctor of Philosophy. The document issued in July 2001.

5. The system and process claimed in the present application were reduced to practice in the United States prior to July 2001, as evidenced in part by the priority date of the present application of July 14, 1999, and in part by reference to the system and process in the document entitled "Fuzzy and Probalistic Control Techniques Applied to Problems of the Chemical Process Industries".

6. The document entitled "Fuzzy and Probalistic Control Techniques Applied to Problems of the Chemical Process Industries" was based in part on the reduction to practice of the system and process claimed in the present application, as evidenced by Chapter 2.2 (pages 24-29) of the document.

7. The undersigned further declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.


NEAL J. MILLER

1-12-04
Date

William J. Parkinson
WILLIAM JERRY PARKINSON

1/8/04
Dat

Ronald E. Smith
RONALD E. SMITH

1-8-04
Date